

Official

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F2 channel from either the first source or a second source. The second show is simultaneously displayed on a second portion of the display screen.

Please replace the paragraph on page 5 beginning at line 1 and ending at line 12 with the following paragraph:

F3 In one embodiment, the present invention relates to a system and method for providing seamless viewing of programs provided from at least two different sources. In one embodiment, the sources may include a satellite broadcasting station, a cable programming station and one or more local programming stations. The sources may be either digital Advanced Television Systems Committee (ATSC) compliant and/or National Television Systems Committee (NTSC) compliant. In one embodiment, each of the stations may modulate the corresponding broadcast signals using any modulation technique, including: amplitude modulation, frequency modulation or frequency shift keying, and phase modulation. The present invention also provides simultaneous display and/or recording of programs from two different sources.

IN THE CLAIMS

Presented below are the amended and new claims in clean unmarked format.

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6. (Amended) A method for selecting the user-specified sources of at least two shows capable of being received and displayed by an entertainment system, comprising:
- receiving a first user-specified show selection;
 - displaying a first plurality of sources available for providing the first user-specific show selection;
 - receiving a first user-specified source selection from the first plurality of sources;

receiving a first signal from the first user identifying a selected source for the first user-specified show selection;

displaying the first user-specified show selection on a first portion of a display screen;

receiving a second user-specified show selection;

displaying a second plurality of sources available for providing the second user-specified show selection;

receiving a second user-specified source selection identifying a selected source for the second user-specified show selection,

receiving a second user-specified source selection identifying a selector source for the second user-specified show selection, and

receiving a second signal from the second user specified source concurrently displaying the second user-specified show selection on a second portion of the display screen.

7. (Amended) The method of claim 6, wherein the first signal uses a first coding technique.

8. (Amended) The method of claim 7, wherein the second signal uses a second coding technique that is different from the first coding technique.

16. (Amended) An entertainment system comprising:

a display monitor, and

a broadcast receiver coupled to the display monitor, the broadcast receiver including a first front-end unit capable of receiving programming data to be viewed on the display monitor, the programming data associated with a first user-specified show selection provided

15 a second front-end unit capable of receiving programming data to be viewed on the display monitor, the programming data associated with a second user-specified show selection provided by a second user-specified source selection from a second plurality of sources displayed for providing the second user-specified show selection;

a plurality of memory elements and;

a central processing unit coupled to the plurality of memory elements, the central processing unit executing software to assist the broadcast receiver in loading programming data associated with one of either the first user-specified show selection or the second user-specified show selection into one of the plurality of memory elements along with information to display said first user-specified show selection on the display monitor upon receiving a first show selection signal, and to display said second user-specified show selection on the display monitor upon receiving a second show selection signal, the first and second user-specified show selections being processed concurrently and separately by the first front-end unit and the second front-end unit, respectively and displayed concurrently.

31. (Amended) The entertainment system of claim 26, wherein said first front-end receives broadcast signals using a first coding technique.

32. (Amended) The entertainment system of claim 31, wherein said second front-end user receives broadcast signals using a second coding technique that is different from the first coding technique.

41. (Amended) A method for selecting the sources of at least two selections capable of being separately received, processed, and displayed, recorded or displayed and recorded by an entertainment system comprising:

receiving a first user-specified selection;

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in response to receiving a first user-specified selection, displaying a first plurality of sources available for providing the first user-specified selection;
receiving a first user-specified source selection from the first plurality of sources;
receiving a second user-specified selection;
in response to receiving the second user-specified selection, displaying a second plurality of sources available for providing the second user-specified selection;
receiving a second user specified source selection from the second plurality of sources; and
separately processing and concurrently servicing the first user-specified show selection provided by the first user-specified source selection and the second user-specified show selection by the second user-specified source selection.

46. (Amended) A method for selecting the sources of at least two selections capable of being separately received, processed and displayed, recorded or displayed and recorded by an entertainment system comprising:

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receiving a plurality of user-specified selections;
in response to receiving the plurality of user-specified selections, displaying a plurality of sources available for providing each of the plurality of user-specified selections;
receiving a user specified source selection for each of the plurality of user-specified selections; and
separately processing and concurrently servicing each of the plurality of user-specified selections provided by its corresponding user-specified source selection.

Please add the following claims:

receiving a user specified source selection for each of the plurality of user-specified selections; and

separately processing and concurrently servicing each of the plurality of user-specified selections provided by its corresponding user-specified source selection.

Please add the following claims:

49. (New) A digital integrated receiver decoder comprising:
a plurality of front-ends, including at least a first front-end and a second front-end;
said first front-end being configured to receive a first bit stream from a first source
and a second front-end being configured to receive a second bit stream from a second source;
a transport processor coupled to said first front-end and said second front-end, said
transport processor being configured to process said first bit stream and said second bit
stream and providing a first processed bit stream and a second processed bit stream in
response to the first bit stream and the second bit stream respectively; and
at least one decoder coupled to said transport processor and configured to
simultaneously select the first processed bit stream and the second processed bit stream for
decoding.
50. (New) A digital integrated receiver decoder according to claim 49 wherein said
transport processor is configured to simultaneously select the first bit stream and the second
bit stream for recording.
51. (New) A digital integrated receiver decoder according to claim 49 wherein said first
and second front-ends provide outputs to first and second demodulators, said first and second
demodulators each being configured for a different mode of demodulation.

And
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52. (New) A digital integrated receiver decoder according to claim 51 wherein said integrated receiver decoder comprises more than two front-ends and wherein said transport processor is configured to select first and second front-ends and wherein each front-end is associated with a differently modulated form of input signal.

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53. (New) A digital integrated receiver decoder according to claim 52 wherein said transport processor is configured to simultaneously select the first bit stream and the second bit stream for recording.

54. (New) A method for recording a first bit stream and a second bit stream received by a digital television receiver comprising;

receiving a first bit stream from a first source and receiving a second bit stream from a second source;

processing the first bit stream and processing the second bit stream to provide a first processed bit stream and a second processed bit stream respectively; and

recording the first processed bit stream and the second processed bit stream simultaneously.

55. (New) A method according to claim 54 further comprising simultaneously decoding the first processed bit stream and the second processed bit stream.

56. (New) A method according to claim 55 comprising said first processed bit stream and said second processed bit stream in different demodulation modes.

57. (New) A method according to claim 56 wherein receiving the first bit stream and the second bit stream comprises selecting the first and second bit streams from more than two sources.

58. (New) A digital television receiver comprising:
a plurality of tuners, including at least a first front-end and a second front-end;
said first front-end being configured to receive a first bit stream from a first source
and a second front-end being configured to receive a second bit stream from a second source;
a transport processor coupled to said first front-end and said second front-end, said
transport processor being configured to process said first bit stream and said second bit
stream and providing a first processed bit stream and a second processed bit stream in
response to the first bit stream and the second bit stream respectively; and
at least one decoder coupled to said transport processor and configured to
simultaneously select the first processed bit stream and the second processed bit stream for
decoding.

59. (New) A digital television receiver according to claim 58 wherein said transport
processor is configured to simultaneously select the first bit stream and the second bit stream
for recording.

60. (New) A digital television receiver according to claim 58 wherein said first and
second front-ends provide outputs to first and second demodulators, said first and second
demodulators each being configured for a different mode of demodulation.

61. (New) A digital television receiver according to claim 60 wherein said digital
television receiver comprises more than two front-ends and wherein said transport processor
is configured to select first and second front-ends and wherein each front-end is associated
with a differently modulated form of input signal.

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62. (New) A digital television receiver according to claim 61 wherein said transport processor is configured to simultaneously select the first bit stream and the second bit stream for recording.
